

## Abstract of the Disclosure

The preferred embodiments described herein provide a system and method for validating network transformation instructions. In one preferred embodiment, it is determined whether a plurality of network transformation instructions arranged in a first order will result in an invalid network state of a computer network if implemented. If the plurality of network transformation instructions arranged in the first order will result in an invalid network state if implemented, the plurality of network transformation instructions are rearranged into an order that will not result in an invalid network state if implemented. Other preferred embodiments are provided herein, and any or all of the preferred embodiments described herein can be used alone or in combination with one another.

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